

100495-4301

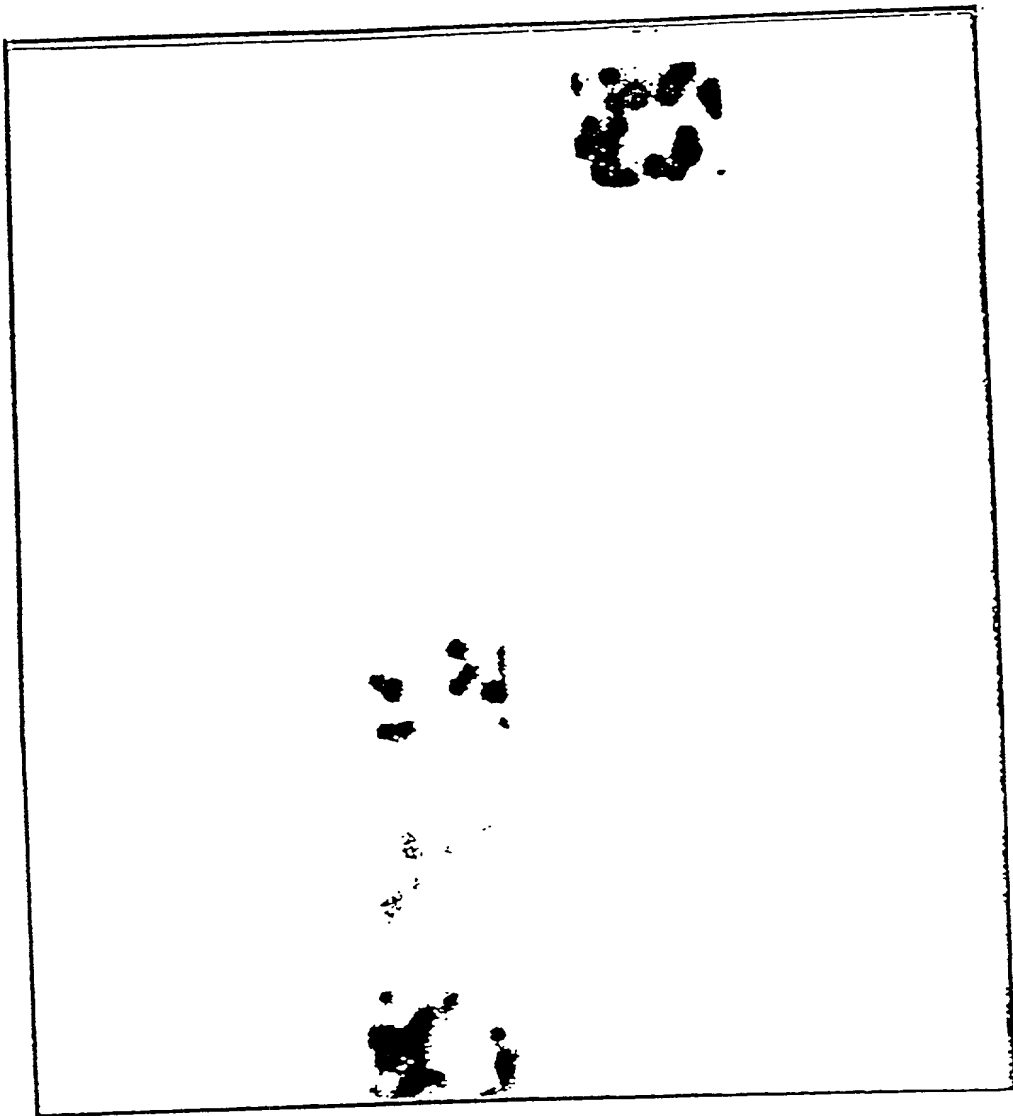


FIG. 1

1003495-121901

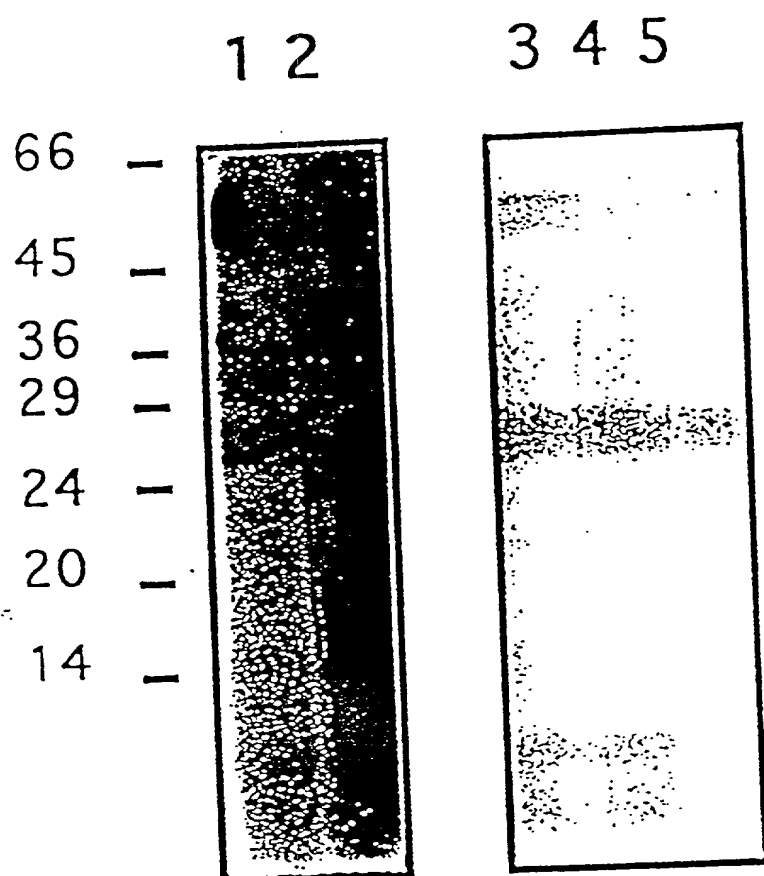


FIG. 2



GAT ATT CAG GAT TTT GTT GTC GAA TTA TCG CTC GAA GTT AGC GAA 511  
 Asp Ile Gln Asp Phe Val Val Val Val Val Val Val Val Val Val  
 GAA GGT AAT ATG ACA TTG ACA TCG TTC GAA GTA CGT CAA TTT GCC 556  
 Glu Gly Asn Met Thr Leu Thr Ser Phe Glu Val Arg Gln Phe Ala  
 AAT GTT GTC AAT CAT ATT GGT GGT CTT TCA ATT TTG GAT CCA ATT 601  
 Asn Val Val Asn His Ile Gly Gly Leu Ser Ile Leu Asp Pro Ile  
 TTC GCT GTC TTA TCC GAT GTT TTG ACC GCT ATT TTC CAG GAT ACC 646  
 Phe Ala Val Leu Ser Asp Val Leu Thr Ala Ile Phe Gln Asp Thr  
 GTA CGT GCA GAA ATG ACC AAA GTA TTG GCA CCA GCA TTC AAA AAA 691  
 Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro Ala Phe Lys Lys  
 GAA TTG GAA CGA AAC AAC CAA TAGACTTACACACACATACACTGTATT 743  
 Glu Leu Glu Arg Asn Asn Gln  
 TTACACTGGATATCAAAATGAATAAATTTTATTATCATTTTGTAAATAAAAAA 802  
 AAAAAAAAAA 812

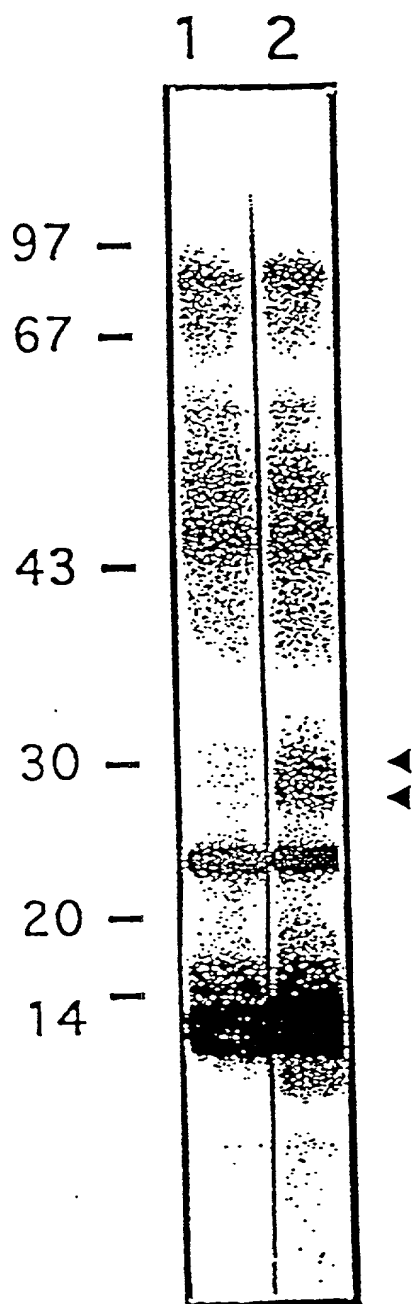


FIG. 4

100495-1401

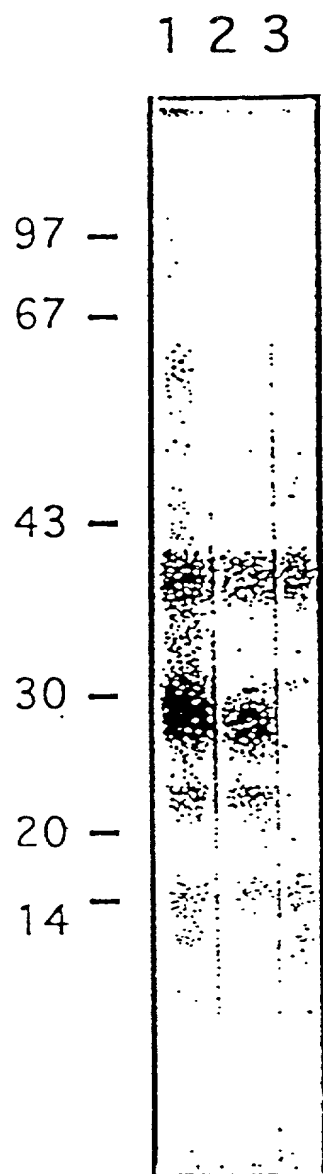


FIG. 5

---

GCC TTG TCC CTT GAA ATT TCT GAT GAA GGT AAC ATA ACA ATG ACA 507  
 Ala Leu Ser Leu Glu Ile Ser Asp Glu Gly Asn Ile Thr Met Thr  
  
 TCT TTT GAA GTA CGA CAA TTC GCT AAT GTT GTC AAC CAT ATT GGT 552  
 Ser Phe Glu Val Arg Gln Phe Ala Asn Val Val Asn His Ile Gly  
  
 GGT CTT TCA ATC TTG GAT CCA ATT TTT GGC GTT TTA TCT GAT GTA 597  
 Gly Leu Ser Ile Leu Asp Pro Ile Phe Gly Val Leu Ser Asp Val  
  
 TTG ACC GCT ATT TTC CAA GAC ACC GTA CGT AAG GAA ATG ACC AAA 642  
 Leu Thr Ala Ile Phe Gln Asp Thr Val Arg Lys Glu Met Thr Lys  
  
 GTA TTG GCA CCA GCA TTT AAA CGT GAA TTG GAA AAA AAT TAACCAA 688  
 Val Leu Ala Pro Ala Phe Lys Arg Glu Leu Glu Lys Asn  
  
 TAGACATCATTTTCCAACTGTACAATCTCTATTTCACCTGACAAATAAAATTTT 747  
  
 ATTTTATTCTCC 761





Figure 7B

Df VII:	... A.T ... ..T ... ..	C... ..	A.A ... ..	186
	Ile	Gln	Ile	
Dp VII:	ATG AAG GTA CCC GAT CAT TCT GAT AAA TTC GAA CGA CAT			250
	Met Lys Val Pro Asp His Ser Asp Lys Phe Glu Arg His			
Df VII:	... A ... ..T ... ..	G.C ... ..	... ..T ...	275
		Ala		
Dp VII:	ATT GGT ATC ATC GAT TTA AAA GGT GAA TTA GAC ATG CGA			289
	Ile Gly Ile Ile Ile Asp Leu Lys Gly Glu Leu Asp Met Arg			
Df VII:	G.. ... ..T G.G ... ..C ... ..	... ..C... ..	... ..	264
	Val Val Phe	Ala		
Dp VII:	AAC ATT CAA GTT CGA GCA TTA AAA CAA ATG AAA CGT GTA			328
	Asn Ile Gln Val Arg Gly Leu Lys Gln Met Lys Arg Val			
Df VII:	... G.G .C. ... ..G ... ..	... ..CA... ..	303	
	Glu Ala	Gln		

Figure 7c

Dp VII:	GGT GAT GCT AAT CTG AAA AGT GAA GAT GGT GTT GTC AAA	367
	Gly Asp Ala Asn Val Lys Ser Glu Asp Gly Val Val Lys	
Df VII:	... ..C ... ..G ... ..T ...	342
	Gly Glu Ile	
Dp VII:	GCT CAT TTG TTG GTC GGT GTT CAT GAT GAC GTT GTT TCA	406
	Ala His Leu Leu Val Gly Val His Asp Asp Val Val Ser	
Df VII:	... ..A... ..C ... ..T A.C ..C ..G	381
	Ile Ile	
Dp VII:	ATG GAA TAT GAT TTA GCA TAC AAA TTG CGT GAT CTT CAT	445
	Met Glu Tyr Asp Leu Ala Tyr Lys Leu Gly Asp Leu His	
Df VII:	... ..C... ..C ... ..C ... ..C ... ..C ...	420
	Thr	
Dp VII:	CCA AAC ACT CAT GTC ATT TCG GAT ATT CAG GAT TTT GTT	484
	Pro Asn Thr His Val Ile Ser Asp Ile Gln Asp Phe Val	
Df VII:	... .C... ..C... ..C... ..C... ..C... ..C... ..C...	459
	Thr	
Dp VII:	GTC GAA TTA TCG CTC GAA GTT AGC GAA GAA GGT AAT ATG	523
	Val Glu Leu Ser Ile Glu Val Ser Glu Glu Gly <u>Asn</u> <u>Met</u>	

Figure 7D

Df VII:	..T .CC ..G ..C ..T ...	A.. TCT ..T ...	..C ..A	498
	Ala	Ile Asp	Ile	
Dp VII:	ACA TTG ACA TCG TTC GAA GTA CGT CAA TTT CCC AAT GTT	562		
	Thr Leu Thr Ser Phe Glu Val Arg Gln Phe Ala Asn Val			
Df VII:	... A.. ... ..T' ..T' ...	..A ... ..C ..T ...	537	
	Met			
Dp VII:	GTC AAT CAT ATT GGT GGT GGT CTT TCA ATT TTG GAT CCA ATT	601		
	Val Asn His Ile Gly Gly Leu Ser Ile Leu Asp Pro Ile			
Df VII:	... ..C ... ..T' ..T' ...	..C ... ..C ...	576	
Dp VII:	TTC GCT GTC TTA TCC GAT GTT TTG ACC GCT ATT TTC CAG	640		
	Phe Ala Val Leu Ser Asp Val Leu Thr Ala Ile Phe Gln			
Df VII:	..T .GC ..T ... ..T' ..T' ...	..A ... ..C ...	615	
	Gly			

Figure 7E

679

Dp VII: GAT ACC GTA CGT CCA GAA ATG ACC AAA GTA TTG GCA CCA  
Asp Thr Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro

654

Df VII: ..C ... .. AAG ... ..  
Lys

719

Dp VII: GCA TTC AAA AAA GAA TTG GAA CGA AAC AAC CAA TAGACTT  
Ala Phe Lys Lys Glu Leu Glu Arg Asn Asn Gln

688

Df VII: ... ..T ... .. CGT ... .. AA. ..  
Arg Lys

770

Dp VII: ACACACAACATAACACCTGTTATTTTACACTGGATAATCAATGAATATAA

739

Df VII: TAGACATCAT.TTTC.AAC.G.ACAAT.T..ATT.C.CTG.CAAT..A.T.

812

Dp VII: TTTTTTTATCATTTTGTTTAAAAAATAAAAAAAAAAAAAA

761

Df VII: AAA....TATT...AT..CTCC